

REMARKS

Claims 6-10 are presently pending in the application. Claim 6 is in independent form. No claims are being amended by way of this response. Favorable reconsideration is respectfully requested.

Claim 6, the only independent claim, was rejected under 35 U.S.C. §102 (b) as being anticipated by *Kane*. Applicant respectfully traverses this rejection. Claim 6 recites, inter alia, “the two transmitter/receiver antenna branches are associated with overlapping frequency bands” (emphasis added). *Kane* fails to teach this element.

The claims were amend by the previous response to clarify that each of the two antenna branches is used for transmitting and receiving, and that each antenna branch operates on overlapping frequency bands. More specially, claim 6 recites “the two transmitter/receiver antenna branches are associated with overlapping frequency bands.” (emphasis added) This claim language was not addressed by the current Office action. The Office action merely repeats the claim language, but does not cite anywhere in Kane (US Patent 6,639,555) where “overlapping frequency bands” may be found. As a result, Applicant respectfully requests that this application be fully examined. ISSUANCE OF A FINAL OFFICE ACTION AS THE NEXT OFFICE ACTION WOULD BE WHOLLY IMPROPER.

As previously discussed, the Office action indicates that the two antenna branches of *Kane* are shown in the figures as elements 152 and 153 or alternatively as antenna elements 1652 and 1653. However, as indicated by the Examiner’s annotations of the figures and as supported by the *Kane* specification, antenna element 153/1653 is a transmitting element and antenna element 152/1652 is a receiving element. Neither of these elements is a “transmitter/receiver antenna branch” as currently claimed. In addition, these antenna element pairs of *Kane* operate on different frequencies, not “overlapping frequency bands” as currently claimed.

These distinctions are made clear by the *Kane* specification, which teaches away from the present invention. For example, *Kane* states:

As shown in FIG. 2, the resonance frequencies of the receiving element 152 and the transmitting element 153 are different from each other, depending on the element lengths, and thus, the isolation between a received signal and a transmission signal can be improved. In addition, the receiving element 152 and the transmitting element 153 have an end connected to the antenna

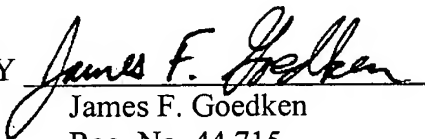
ground 151 for grounding, respectively. Since the receiving element 152 and the transmitting element 153 operate separately from each other, the antenna device can be optimized for receiving and transmitting, respectively and the reception sensitivity and the transmission efficiency can be improved. (col. 12, lines 34-46; emphasis added)

Kane does not disclose each and every element of independent claims 6 as currently amended. Therefore, Applicant respectfully submits that independent claim 6 is in condition for allowance. All other claims depend directly or indirectly from independent claim 6. Therefore, these claims are allowable for at least the same reasons.

Accordingly, the Applicant respectfully submits that claims 6-10 are both novel and non-obvious over the art of record. The Applicant respectfully requests that a timely Notice of Allowance be issued in this case. If the Examiner has any questions regarding this Response, Applicant respectfully request that the Examiner contact the undersigned. If any additional fees are due in connection with this application as a whole, the Commissioner is authorized to deduct such fees from deposit account no. 02-1818. If such a deduction is made, please indicate the attorney docket no. (119065-32) on the account statement.

Respectfully submitted,

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